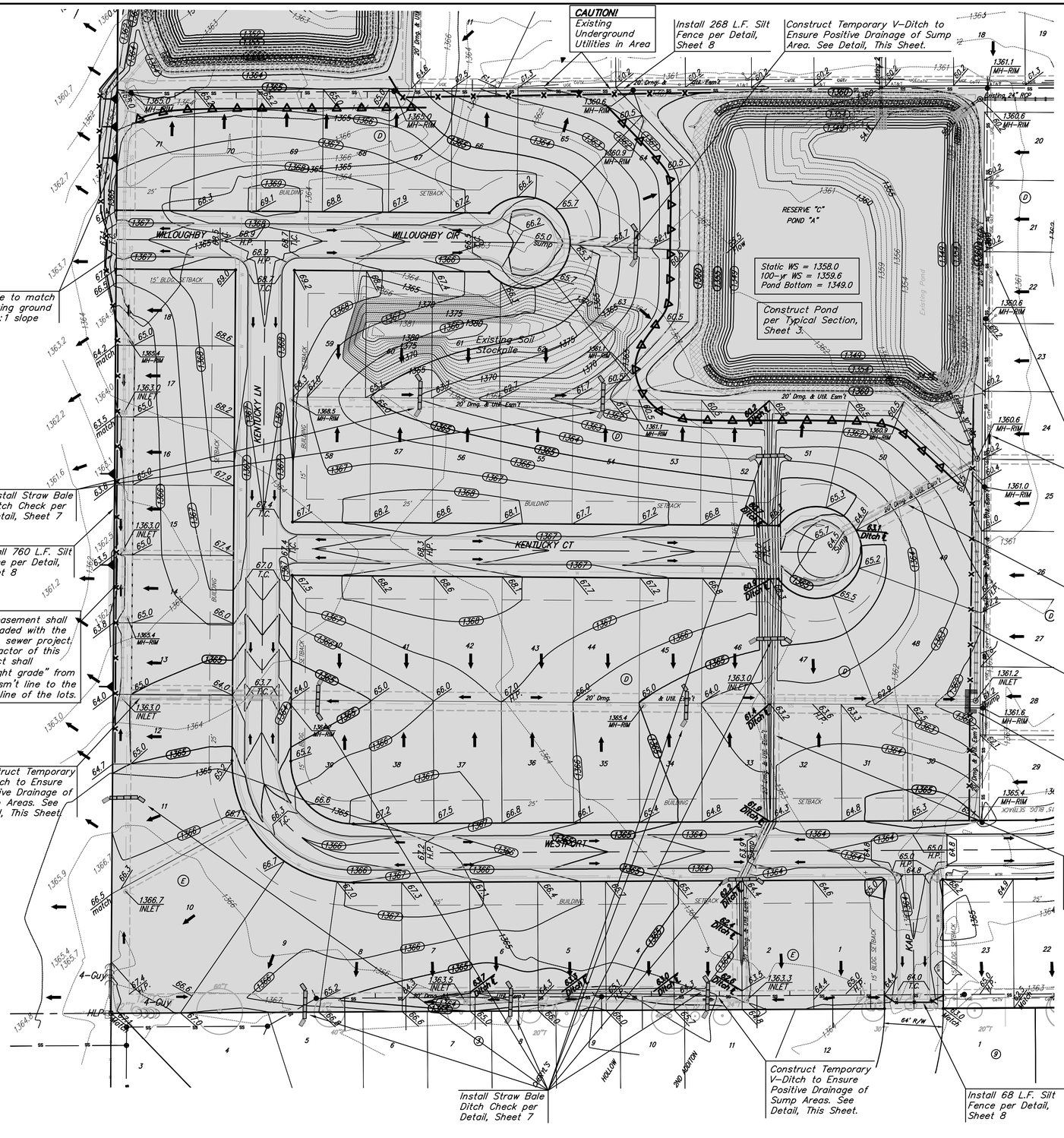
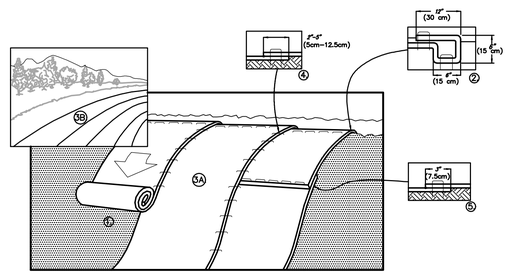


SLOPE INSTALLATION



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15cm) DEEP X 6" (15cm) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30cm) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM™, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5cm-12.5cm) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5cm) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH.

NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

SEEDING DIRECTLY BENEATH THE EROSION CONTROL MAT SHALL BE INCLUDED IN THE COST OF THE EROSION CONTROL MAT.

14649 HIGHWAY 41 NORTH, EVANSVILLE, INDIANA 47725
USA 1-800-772-2040 CANADA 1-800-448-2040
www.nagreen.com

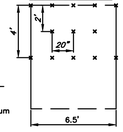
STAPLE PATTERN "D"

3-1/2 staples per sq. yd. using 6-inch, 11 ga. wire "U" staples. 8-inch staples and longer may be used for loose soils. 9 ga. staples or heavier may be necessary in hard or rocky soils.

Contractor shall follow manufacturers installation instructions regarding overlap dimensions. The overlap shall have a minimum dimension of three inches (3").

Erosion control mat.

STAPLE PATTERN



Scale: 1" = 60'

Area to be graded

1370 Existing Grade

1370 Proposed Grade

BENCHMARKS:

135th St. W. & 13th St. N. – City of Wichita Disc at southwest corner of intersection, 30.00'± S. of ℄ of 13th St. N. 35.00'± W. of ℄ of 135th St. W. Elev. = 1355.65 MSL (NGVD 29)

"□" Cut in top of curb north side of Westport adjacent to the southeast corner of Lot 30, Block D, Silverton Addition. Elev. = 1364.44 MSL (NGVD 29)

"□" Cut in curb inlet top at the west end of Bellick Ct. adjacent to Lot 10 & Lot 11, Block D, Silverton Addition. Elev. = 1364.12 MSL (NGVD 29)

NOTE:
Earthwork Quantities reflect topography as of 5/06/10. The Contractor shall satisfy himself with the earthwork quantities as bid for L.S. bid item "Mass Grading" prior to bidding. No additional payments or change orders for earthwork will be accepted.

EARTH WORK TOTALS (Unadjusted)

	C.Y. Cut	C.Y. Fill
Mass Grading	12,864	50,906
Pond "A"	25,902	42
Pond "B"	18,384	652
Total Earthwork	57,150	51,600

MASS GRADING GENERAL NOTES:

Excess material shall remain on-site and be spread evenly on lots out of easements and right-of-ways. Earthwork quantities are unadjusted and are for reference only. All cost associated with mass grading shall be incidental to the price bid for C.Y. "Unclassified Excavation" and L.S. "Mass Grading". This quantity does not include over-excavation to install the compacted clay liner.

1. Contractor shall strip top 3" of soil within Res. "C" & Res. "D" above the proposed ponds and street R/W's before mass grading and stockpile. Top soil stockpile to be redistributed over Res. "C" & Res. "D" above water elevation prior to seeding.

2. Compaction of 95% shall be obtained in all street R/W's, 90% in all other areas.

3. It shall be the Contractor's responsibility to protect existing utilities during mass grading. Any damage done to these systems by Contractor or Subcontractor shall be repaired at no additional cost to the project.

4. Trees may be removed only if necessary for grading and with approval of the Engineer and/or Developer. All other trees shall remain and be protected from damage.

5. All areas disturbed by construction (except within street R/W) shall be seeded as indicated on the Pond Plan.

6. Earthwork Cross Sections and Earthwork Quantities reflect topography as of May 10, 2010. The Contractor shall satisfy himself with the Earthwork Quantities associated with Bid Items "Unclassified Excavation" and "Mass Grading" prior to bidding. No additional payments or change orders for earthwork will be accepted.

7. Baughman Company will provide staking at the time of construction to be paid by the Owner.

Install one Construction Entrance onto existing roadway per detail, Sheet 9.

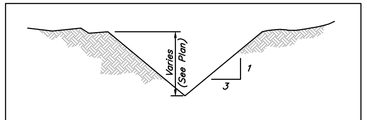
EROSION CONTROL PLAN LEGEND

– STRAW BALE BARRIERS

– SILT FENCING

– CUT-OFF TRENCH

– EROSION CONTROL MAT (North American Green Bionet S150BN, or approved equal)



TEMPORARY DITCH TYPICAL SECTION
(No Scale)

Baughman

Silverton Addition - Phase IV

MASS GRADING

Storm Water Drain #368

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316262-7271 F 3162620149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 468-84681

REVISIONS:
10/06/10 JAK
Weir typical section & grades along west line

DESIGN NHJ/JAK
DRAWN JAK
APPROVED
DATE 9/08/10
SCALE 1" = 60'
SHEET 2 OF 15

E:\Projects\Silverton\Engineering\Phase 4\SWD_09-04-E289\02-03_mass Grade.dwg